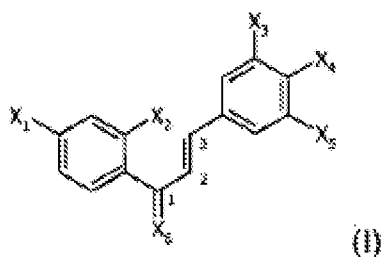


AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

Claims 1-68. (Canceled)

69. (Currently Amended) A compound of formula (I) :



in which :

X₁ is a halogen, -R₁, or -G₁-R₁,

X₂ is a hydrogen atom, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, or an alkylcarbonylthio,

X₃ is -R₃ or -G₃-R₃,

X₄ is a halogen, thionitroso, -R₄ or -G₄-R₄,

X₅ is -R₅ or -G₅-R₅,

X₆ is oxygen,

R1, R3, R4, and R5, which are the same or different, are hydrogen, or alkyl optionally substituted by a group 1 or group 2 substituent ,

G1, G3, G4, and G5, which are the same or different, are oxygen or sulfur ,

wherein at least one of the groups X₁, X₃, X₄ and X₅ is SR1, SR3, SR4 and SR5, respectively , and

wherein at least one of R1, R3, R4 and R5 is alkyl containing at least one group 1 or group 2 substituent , said alkyl being bound directly to the ring containing said X₁, X₃, X₄ or X₅, respectively, or being attached to G1, G3, G4 or G5, respectively ,

wherein the group 1 substituents are selected from the group consisting of -COOR₆ and -CONR₆R₇, and

wherein the group 2 substituents are selected from the group consisting of -SO₃H and -SO₂NR₆R₇,

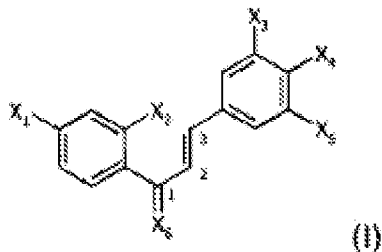
wherein R₆ and R₇, which are the same or different, are hydrogen, or alkyl optionally substituted by at least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts, ~~hydrates~~ and mixtures thereof,

with the proviso that

when X₂ is hydrogen, X₁ is not -G1R1 where G1 is oxygen and R1 is CH₂COOH.

70. (Currently Amended) A compound of formula (I)



in which:

X₁ is a halogen, R1 or -G1-R1,

X₂ is hydrogen, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio,

X₃ is -R3 or -G3-R3,

X₄ is a halogen, thionitroso, -R4 or -G4-R4,

X₅ is -R5 or -G5-R5,

X₆ is oxygen,

R3, R4, and R5, which are the same or different, are hydrogen or an alkyl optionally substituted by a group 1 or a group 2 substituent,

R1 is hydrogen, or an alkyl optionally substituted by a group 2 substituent,

G1, G3, G4, and G5, which are the same or different, are oxygen or sulphur wherein at least one of X_1 , X_3 , X_4 and X_5 is G1R1, G3R3, G4R4 and G5R5, respectively, and wherein none of X_3 , X_4 and X_5 is hydrogen, and wherein at least one of R1, R3, R4 or R5 is an alkyl group containing at least one group 1 or group 2 substituent, said alkyl group being bound directly to the ring attached to said X_1 , X_3 , X_4 or X_5 , respectively, or being attached to G1, G3, G4 or G5, respectively,

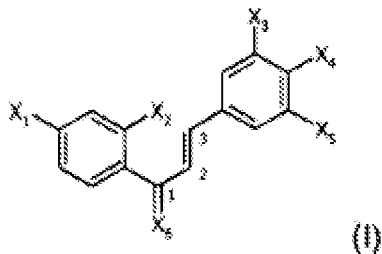
said group 1 substituents being selected from the group consisting of $-\text{COOR}_6$ and $-\text{CONR}_6\text{R}_7$,

said group 2 substituents being selected from the group consisting of $-\text{SO}_3\text{H}$ and $-\text{SO}_2\text{NR}_6\text{R}_7$,

wherein R_6 and R_7 , which are the same or different, are hydrogen or an alkyl optionally substituted by at least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts, ~~hydrates~~ and mixtures thereof.

71. (Currently Amended) A compound of formula (I)



in which :

X_1 is -G1-R1, wherein G1 is oxygen and R1 is $-\text{C}(\text{CH}_3)_2\text{COOR}_6$,

X_2 is hydrogen, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio,

X_3 is -R3 or -G3-R3,

X_4 is a halogen, thionitroso, -R4, or -G4-R4,

X_5 is -R5 or -G5-R5,

X_6 is oxygen,

R3, R4, and R5, which are the same or different, are hydrogen, or alkyl optionally substituted by a group 1 or group 2 substituent ,

G3, G4, and G5, which are the same or different, are oxygen or sulfur,

wherein none of the groups X_3 , X_4 and X_5 is hydrogen, and at least one of the groups R1, R3, R4 and R5 is an alkyl substituted by at least one group 1 or group 2 substituent, said alkyl being bound directly to the ring bearing the X_1 , X_3 , X_4 or X_5 , respectively, or being bound to the G1, G3, G4 or G5, respectively,

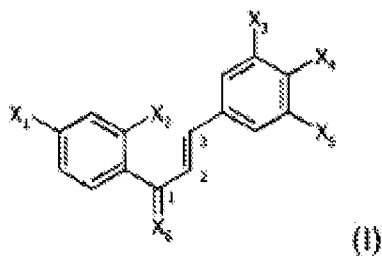
said group 1 substituents being selected from the group consisting of $-\text{COOR}_6$ and $-\text{CONR}_6\text{R}_7$,

said group 2 substituents being selected from the group consisting of $-\text{SO}_3\text{H}$ and $-\text{SO}_2\text{NR}_6\text{R}_7$,

wherein R_6 and R_7 , which are the same or different, are hydrogen, or an alkyl optionally substituted with at least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts, ~~hydrates~~ and mixtures thereof.

72. (Currently Amended) A compound of formula (I)



in which:

X_1 is $-\text{R}_1$,

X_2 is hydrogen, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio,

X_3 is $-\text{R}_3$ or $-\text{G}_3\text{-R}_3$,

X_4 is a halogen, thionitroso, $-\text{R}_4$ or $-\text{G}_4\text{-R}_4$,

X_5 is $-R_5$ or $-G_5-R_5$,

X_6 is oxygen,

R_3 , R_4 , and R_5 , which are the same or different, are hydrogen, or alkyl optionally substituted by a group 1 or group 2 substituent,

R_1 is hydrogen, or alkyl optionally substituted by at least one group 1 substituent,

G_3 , G_4 , and G_5 , which are the same or different, are oxygen or sulfur,

wherein at least one of X_3 , X_4 or X_5 are G_3R_3 , G_4R_4 or G_5R_5 , respectively, none of the groups X_3 , X_4 and X_5 are hydrogen, and at least one of R_1 , R_3 , R_4 and R_5 is an alkyl group containing at least one group 1 or group 2 substituent, said alkyl being bound directly to the ring bound to said X_3 , X_4 or X_5 , respectively, or said alkyl is attached to G_3 , G_4 or G_5 , respectively,

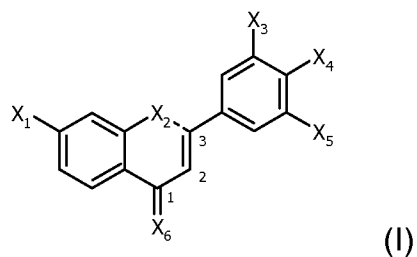
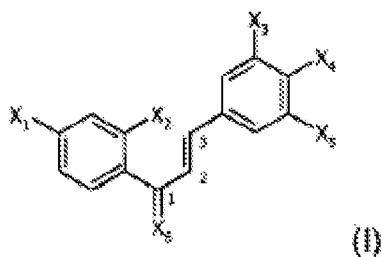
said group 1 substituents being selected from the group consisting of $-\text{COOR}_6$ and $-\text{CONR}_6\text{R}_7$,

said group 2 substituents being selected from the group consisting of $-\text{SO}_3\text{H}$ and $-\text{SO}_2\text{NR}_6\text{R}_7$,

wherein R_6 and R_7 , which are the same or different, are hydrogen, or alkyl optionally substituted by at least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts, ~~hydrates~~ and mixtures thereof.

73. (Currently Amended) A compound of formula (I)



in which :

X₁ is -G₁R₁ ,

X₂ is hydrogen, thionitroso, hydroxy , alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio,

X₃ is -R₃ or -G₃-R₃,

X₄ is a halogen, thionitroso, -R₄ or -G₄-R₄,

X_5 is $-R_5$ or $-G_5-R_5$,

X_6 is oxygen,

R_3 , R_4 , and R_5 , which are the same or different, are hydrogen, or an alkyl optionally substituted by a group 1 or group 2 substituent,

R_1 is hydrogen or a C_4 to C_{24} alkyl group optionally substituted by at least one group 1 or group 2 substituent,

G_1 , G_3 , G_4 , and G_5 , which are the same or different, are oxygen or sulfur,

wherein none of X_3 , X_4 and X_5 are hydrogen, and at least one of R_1 , R_3 , R_4 or R_5 is an alkyl substituted by at least one group 1 or group 2 substituent, said alkyl being bound directly to the ring attached to said X_3 , X_4 and X_5 , respectively, or said alkyl is attached to G_3 , G_4 or G_5 , respectively,

said group 1 substituents being selected from the group consisting of $-\text{COOR}_6$ and $-\text{CONR}_6\text{R}_7$,

said group 2 substituents being selected from the group consisting of $-\text{SO}_3\text{H}$ and $-\text{SO}_2\text{NR}_6\text{R}_7$, wherein R_6 and R_7 , which are the same or different, are hydrogen, or an alkyl optionally substituted by at least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts, ~~hydrates~~ and mixtures thereof.

74. (Previously Presented) The compound according to claim 69, wherein none of X_3 , X_4 and X_5 is hydrogen.

75. (Previously Presented) The compound according to claim 69, wherein one or two of X_3 , X_4 and X_5 is hydrogen.

76. (Previously Presented) The compound according to claim 69, 70 or 73, wherein both G1 and G4 are sulfur.

77. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_2 is hydrogen, thionitroso, hydroxy, alkyloxy, thiol, or alkylthio.

78. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_4 is thionitroso, $-R_4$, or $-G_4-R_4$ and X_2 is thionitroso, hydroxy, alkyloxy, thiol or alkylthio.

79. (Previously Presented) The compound according to claim 69, wherein X_1 is $-R_1$ or $-G_1-R_1$, and R_1 is an alkyl substituted by a group 1 substituent.

80. (Previously Presented) The compound according to claim 69, 70 or 73, wherein X_1 is $-G_1-R_1$.

81. (Previously Presented) The compound according to claim 69, 70, or 73, wherein X_1 is $-G_1-R_1$ and G1 is oxygen.

82. (Previously Presented) The compound according to claim 69 or 70, wherein X_1 is $-R_1$ or $-G_1-R_1$, and R_1 is an alkyl substituted by a group 2 substituent.

83. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_3 is $-R_3$ or $-G_3-R_3$, and R_3 is an alkyl substituted by a group 1 substituent.

84. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_3 is $-R_3$ or $-G_3-R_3$, and R_3 is an alkyl substituted by a group 2 substituent.

85. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_4 is $-R_4$ or $-G_4-R_4$ and R_4 is an alkyl substituted by a group 1 substituent.

86. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_4 is $-G_4-R_4$ group.

87. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_4 is $-G_4-R_4$ and G_4 is oxygen.

88. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_4 is $-G_4-R_4$, G_4 is oxygen, and X_3 is R_3 or G_3R_3 or X_5 is R_5 or G_5R_5 wherein R_3 and R_5 , which may be different, are an alkyl groups containing a group 1 substituent.

89. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_4 is $-R_4$ or $-G_4-R_4$ wherein R_4 is an alkyl group substituted by a group 2 substituent.

90. (Previously Presented) The compound according to claim 69 or 70 wherein X_1 is a halogen.

Claim 91. (Cancelled)

92. (Previously Presented) The compound according to claim 70, 71, 72 or 73 wherein X_3 , X_4 or X_5 is $OC(CH_3)_2COOR_6$.

93. (Previously Presented) The compound according to claim 69, wherein X_1 , X_3 , X_4 or X_5 represents $OC(CH_3)_2COOR_6$.

94. (Previously Presented) The compound according to claim 70, 71, 72 or 73, wherein X_3 , X_4 or X_5 represents $SC(CH_3)_2COOR_6$.

95. (Previously Presented) The compound according to claim 69, wherein X_1 , X_3 , X_4 or X_5 represents $SC(CH_3)_2COOR_6$.

96. (Previously Presented) A compound selected in the group consisting of:

1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[3,5-ditertbutyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-ethoxycarbonyldimethylmethoxyphenyl]-3-[3,5-ditertbutyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-carboxydimethylmethoxy-4-hydroxy-5-tertbutylphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-*isopropoxy*carbonyldimethylmethoxy-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-carboxydimethylmethoxy-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-*isopropoxy*carbonyldimethylmethoxy-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-carboxydimethylmethyl-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-*isopropoxy*carbonyldimethylmethyl-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-carboxydimethylmethyl-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-*isopropoxy*carbonyldimethylmethyl-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethoxy-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethoxy-4-*isopropoxy*carbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethoxy-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethoxy-4-isopropylloxycarbonyl dimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-carboxydimethylmethyloxyphenyl]-3-[3,5-di-methoxy-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-isopropylloxycarbonyldimethylmethyloxyphenyl]-3-[3,5-dimethoxy-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,4-dihydroxy-5-carboxydimethylmethyloxyphenyl] prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,4-dihydroxy-5-isopropylloxycarbonyldimethylmethyloxyphenyl]- prop-2-en-1-one,

1-[2-hydroxy-4-carboxydimethylmethyloxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-isopropylloxycarbonyldimethylmethyloxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethyl-4-
*isopropyl*oxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-
en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethyl-4-*isopropyl*oxycarbonyl
dimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[4-carboxydimethylmethylthiophenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[4-*isopropyl*oxycarbonyldimethylmethylthiophenyl]prop-2-
en-1-one,

1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[4-methylthiophenyl]prop-2-
en-1-one,

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-
*tert*butyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-
*isopropyl*oxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-
1-one,

1-[4-chloro-2-hydroxyphenyl]-3-[4-carboxydimethylmethylthiophenyl]prop-2-en-1-one,

1-[4-carboxydimethylmethyloxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-carboxydimethylmethylthiophenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,

1-[2-hydroxy-4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-carboxydimethylmethyloxyphenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-isopropyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-methoxyphenyl]-3-[3,5-dimethyl-4-tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-methoxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-methoxy-4-chlorophenyl]-3-[3,5-dimethyl-4-
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-methoxy-4-chlorophenyl]-3-[3,5-dimethyl-4-
carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-heptylphenyl]-3-[3,5-dimethyl-4-
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-heptylphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-bromophenyl]-3-[3,5-dimethyl-4-
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one, and

1-[2-hydroxy-4-isopropoxycarbonyldimethylmethoxyphenyl]-3-[3,5-ditertbutyl-4-hydroxyphenyl]prop-2-en-1-one.

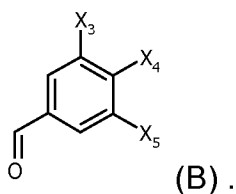
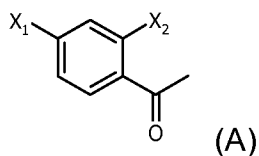
97. (Previously Presented) A compound selected in the group consisting of:

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one, and

1-[4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one.

98. (Previously Presented) A method for preparing a compound of claim 69, 70, 71, 72 or 73, comprising contacting in basic or acidic medium at least one compound corresponding to formula (A) with at least one compound corresponding to formula (B):



99. (Previously Presented) A pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound of claim 69, 70, 71, 72 or 73.

Claim 100. (Cancelled)

101. (Previously Presented) A pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound of claim 69, 70, 71, 72 or 73, in a form for the treatment of a cerebral ischemia.

102. (Previously Presented) A pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound of claim 69, 70, 71, 72 or 73, in a form for the treatment of a hemorrhagic stroke.

Claim 103. (Canceled)

104. (Previously Presented) A method of treatment of a cerebral ischemia comprising administering, to a subject in need of such treatment, at least one compound of claims 69, 70, 71, 72 or 73.

105. (Previously Presented) A method of treatment of a hemorrhagic stroke comprising administering, to a subject in need of such treatment, at least one compound of claims 69, 70, 71, 72 or 73.

106. (Previously Presented) A method for neuroprotection in cerebral ischemia comprising administering, to a subject in need of such neuroprotection, at least one compound of claims 69, 70, 71, 72 or 73.